report

I Algorithms

- Weighted undirected graph
 Prim's maximum spanning tree algorithm
- Weighted directed graphMaximum spanning tree algorithm (similar to Kruskal's algorithm)+ DFS (detect cycle)

□ Data structures

- Weighted undirected graph Adjacent matrix
- Weighted directed graph Adjacent list

- Weighted undirected graph
 We can obtain correct results by greedy algorithm (maximum spanning tree).
- 2. Weighted directed graph
 It is a NP-hard problem. The algorithm I use is just an approximate algorithm.